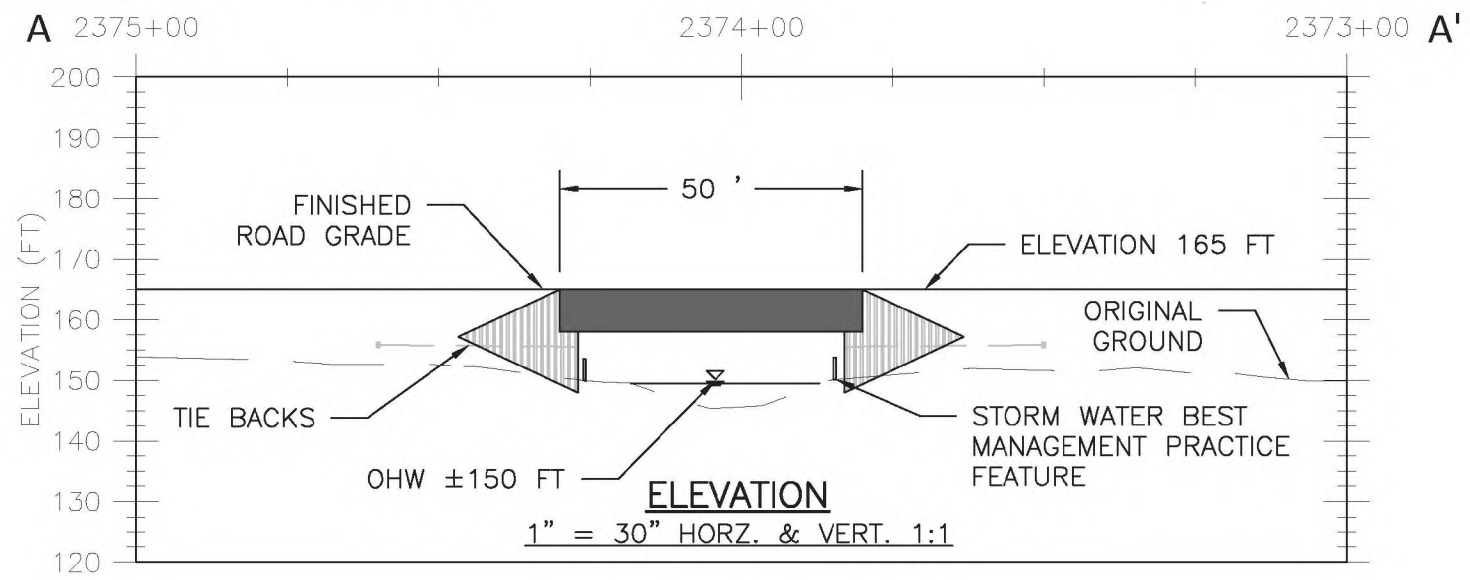


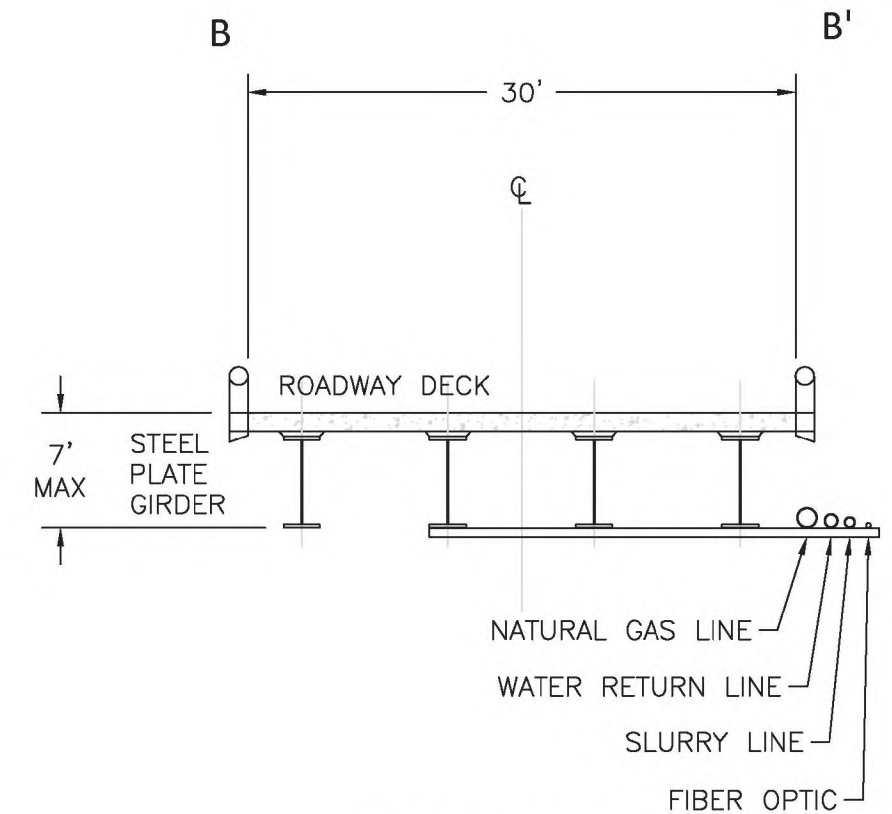
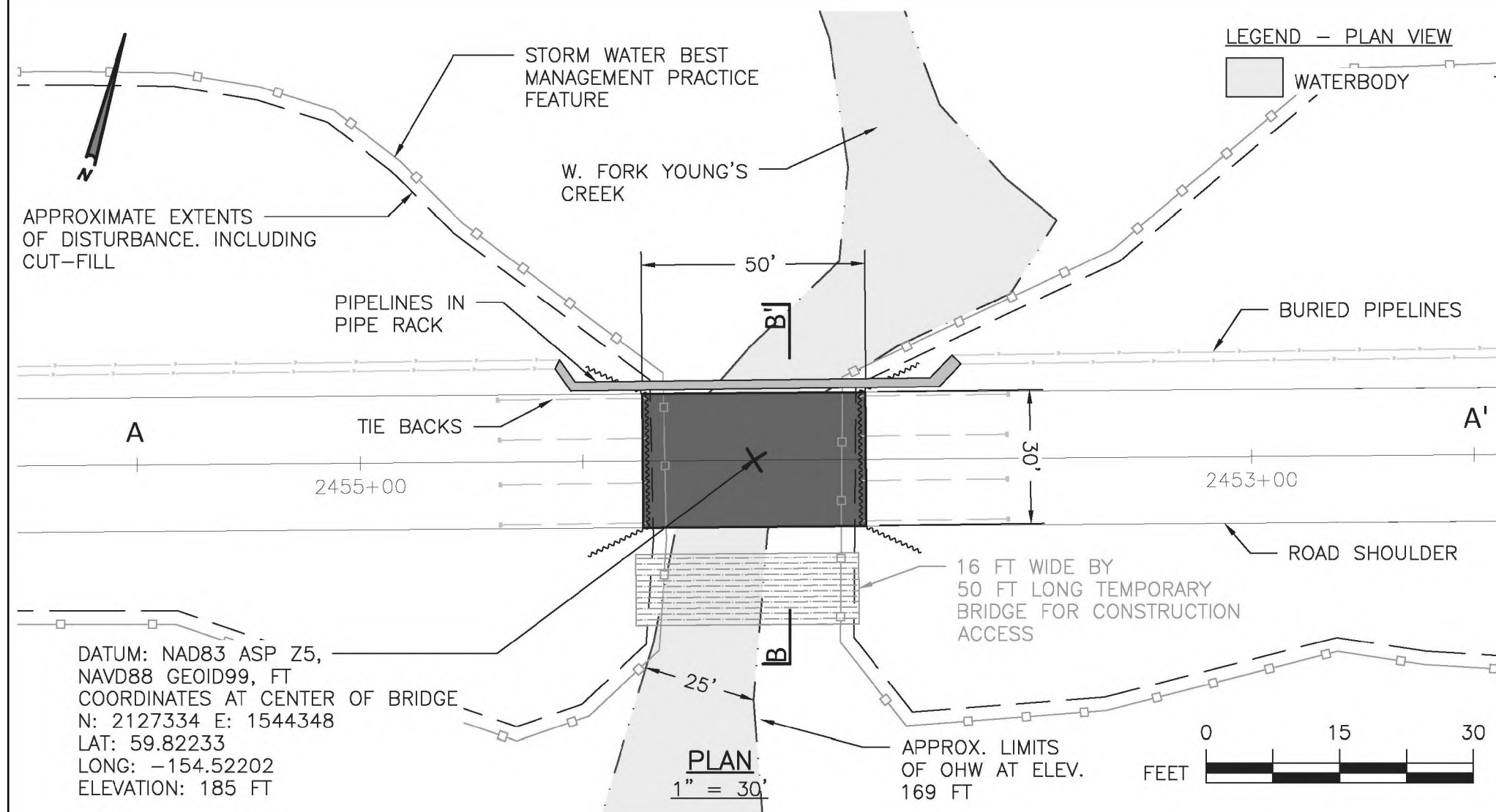
TYPICAL SECTION
1" = 10'

NOTES:

1. CONCEPTUAL PLANS BASED ON 2004 & 2008 LIDAR AND 2004 IMAGERY PROVIDED BY THE STATE OF ALASKA.
4. STATIONING CURRENT AS OF 04/09/2020
5. OHW IS APPROXIMATE. OHW TO BE VERIFIED BY FUTURE STREAM CROSSING SURVEYS.
3. STORMWATER BEST MANAGEMENT PRACTICE FEATURES TO BE APPLIED AS APPROPRIATE FOR SITE CONDITIONS. FEATURES MAY INCLUDE: SILT FENCE, STRAW WATTLES, EROSION CONTROL MATS, OR SURFACE ARMORING WITH ROCK
4. TEMPORARY CONSTRUCTION ACCESS ROAD TO UTILIZE 16 FT WIDTH SINGLE LANE CLEAR SPAN TEMPORARY BRIDGE WITH TIMBER PAD ABUTMENTS, FIELD LOCATED BY THE ENGINEER. NO CONSTRUCTION BELOW OHW.
5. E. FORK YOUNG'S CREEK BRIDGE IS PROPOSED AS A SINGLE 50 FT SPAN. PROPOSED ABUTMENTS TO BE SHEET-PILE AND SUBSTRUCTURE TO BE PILE OR PRECAST CONCRETE PAD.



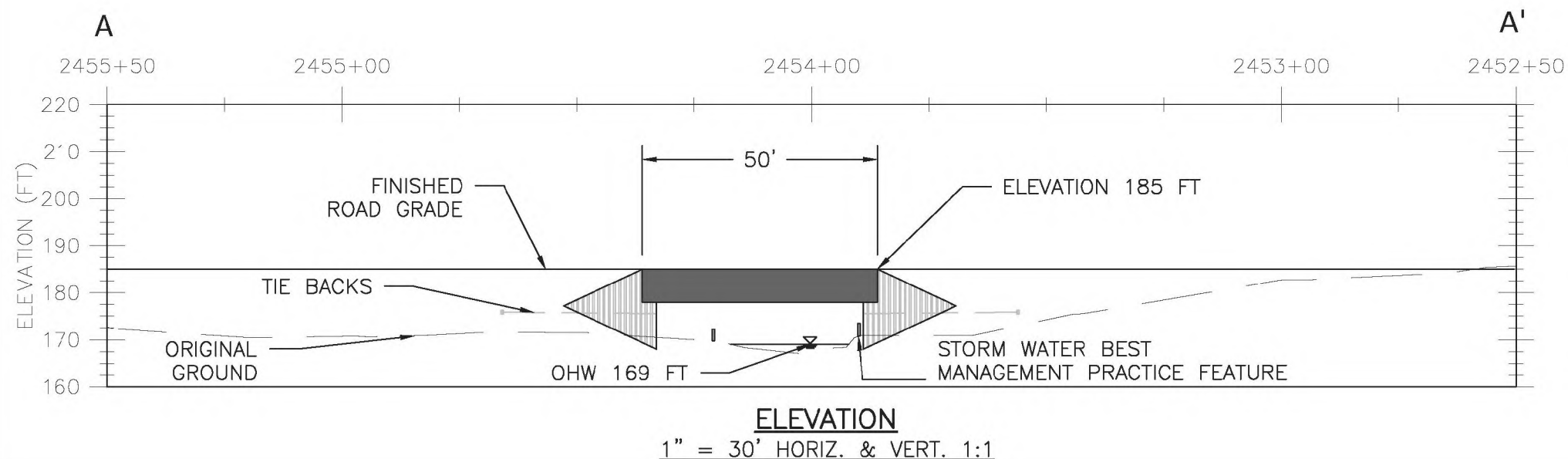
PEBBLE PROJECT		DRAWING TITLE: E. FORK YOUNGS CREEK BRIDGE PLAN, PROFILE, AND TYPICAL SECTION	
APPLICANT: PEBBLE LIMITED PARTNERSHIP			
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: JUNE 2020	
WATERWAY: ILIAMNA LAKE	FILE NO. POA-2017-271		



TYPICAL SECTION
1" = 10'

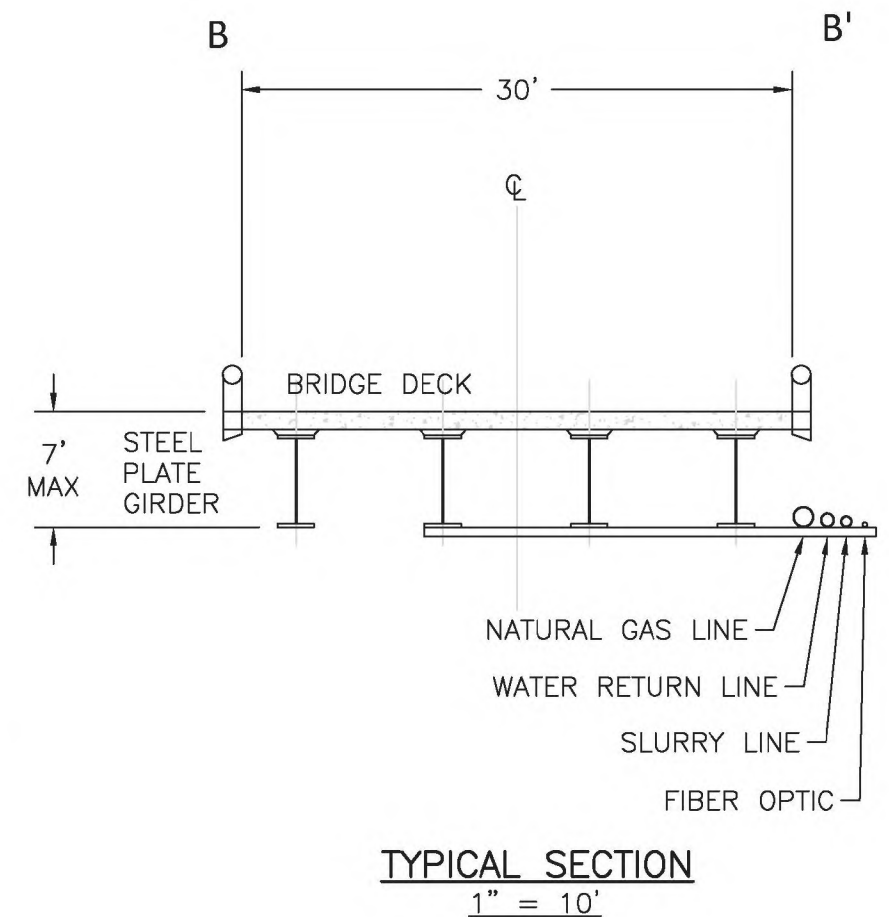
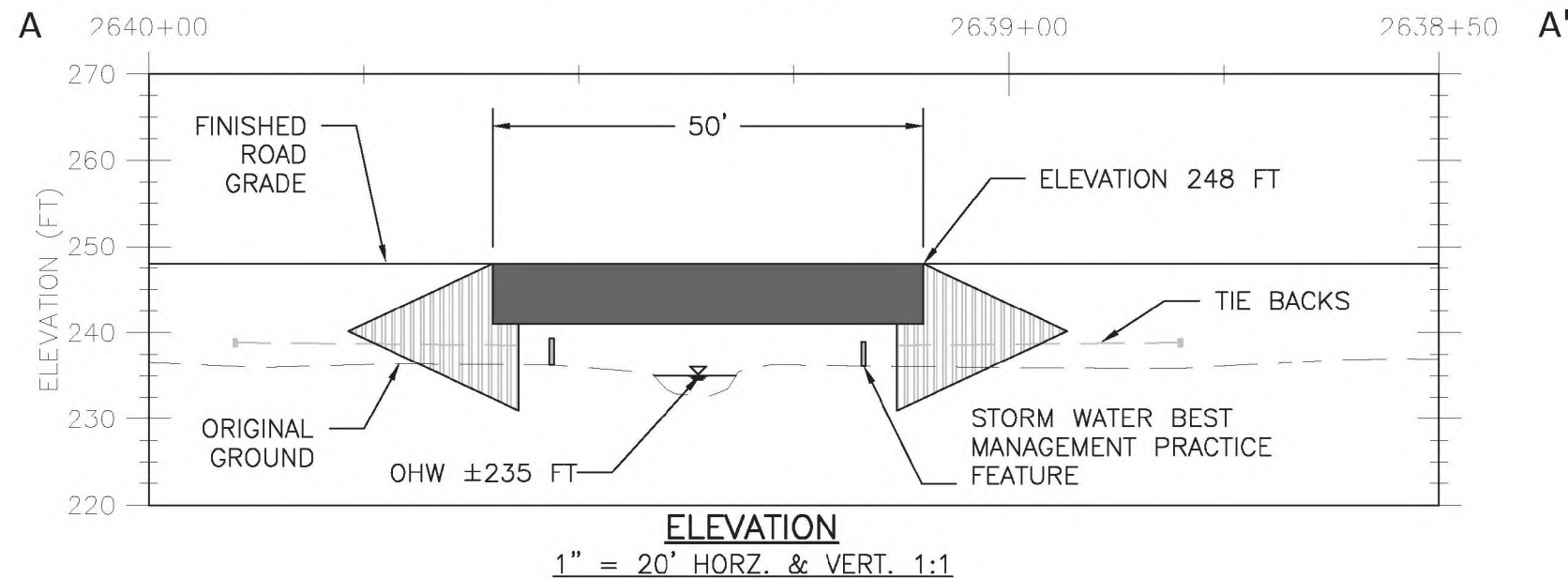
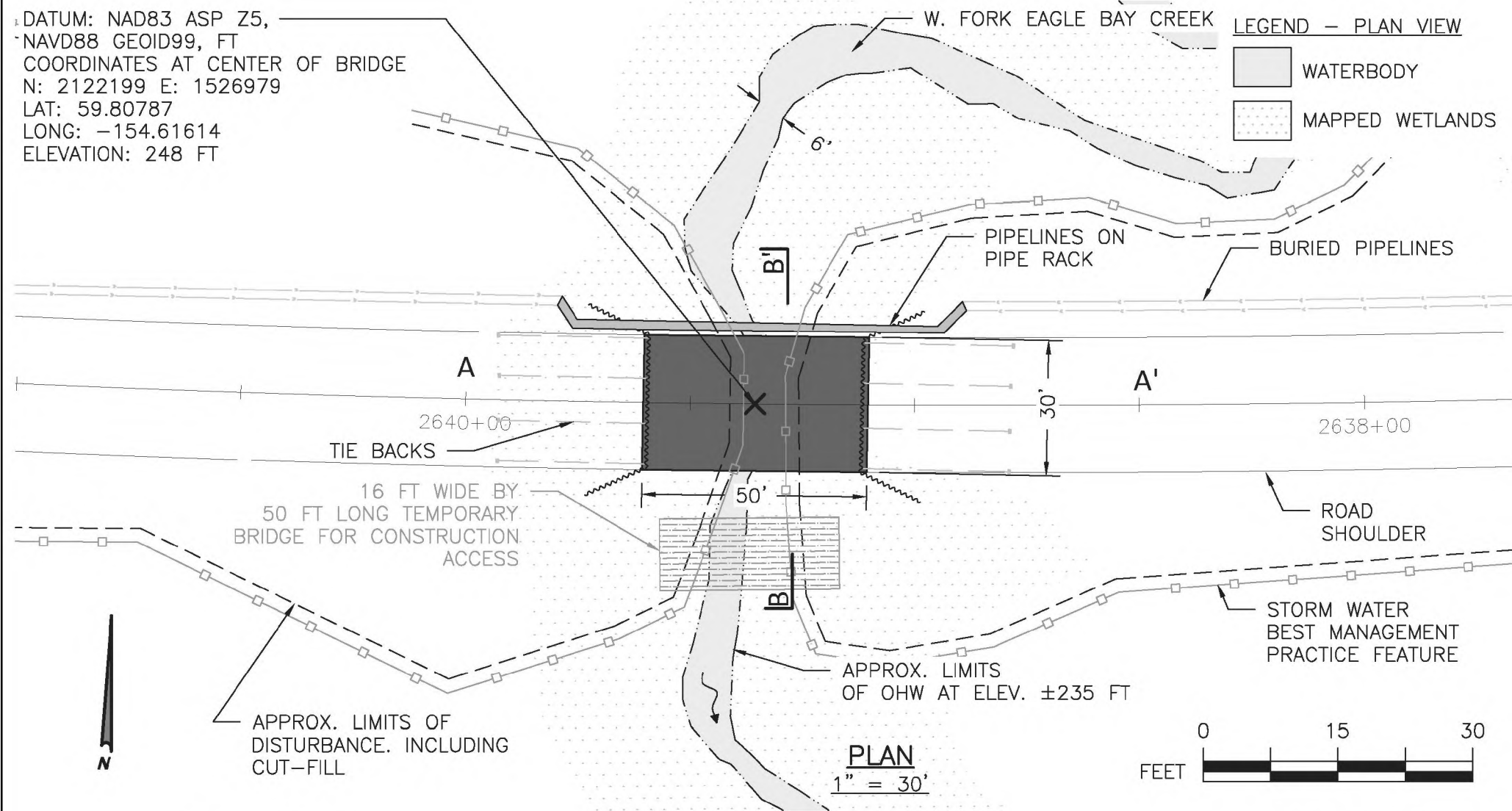
NOTES:

1. CONCEPTUAL PLANS BASED ON 2010 HYDRO SURVEY BY RECON LLC.
2. STATIONING CURRENT AS OF 04/09/2020
3. STORMWATER BEST MANAGEMENT PRACTICE FEATURES TO BE APPLIED AS APPROPRIATE FOR SITE CONDITIONS. FEATURES MAY INCLUDE: SILT FENCE, STRAW WATTLES, EROSION CONTROL MATS, OR SURFACE ARMORING WITH ROCK
4. TEMPORARY CONSTRUCTION ACCESS ROAD TO UTILIZE 16 FT WIDTH SINGLE LANE CLEAR SPAN TEMPORARY BRIDGE WITH TIMBER PAD ABUTMENTS, FIELD LOCATED BY THE ENGINEER. NO CONSTRUCTION BELOW OHW.
5. W. FORK YOUNG'S CREEK BRIDGE IS PROPOSED AS A SINGLE 50 FT SPAN. PROPOSED ABUTMENTS TO BE SHEET-PILE AND SUBSTRUCTURE TO BE PILE OR PRECAST CONCRETE PAD.



PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		W. FORK YOUNGS CREEK BRIDGE PLAN, PROFILE, AND TYPICAL SECTION	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT		
WATERWAY: ILIAMNA LAKE	FILE NO. POA-2017-271	DATE: JUNE 2020	FIGURE NO. BX-014

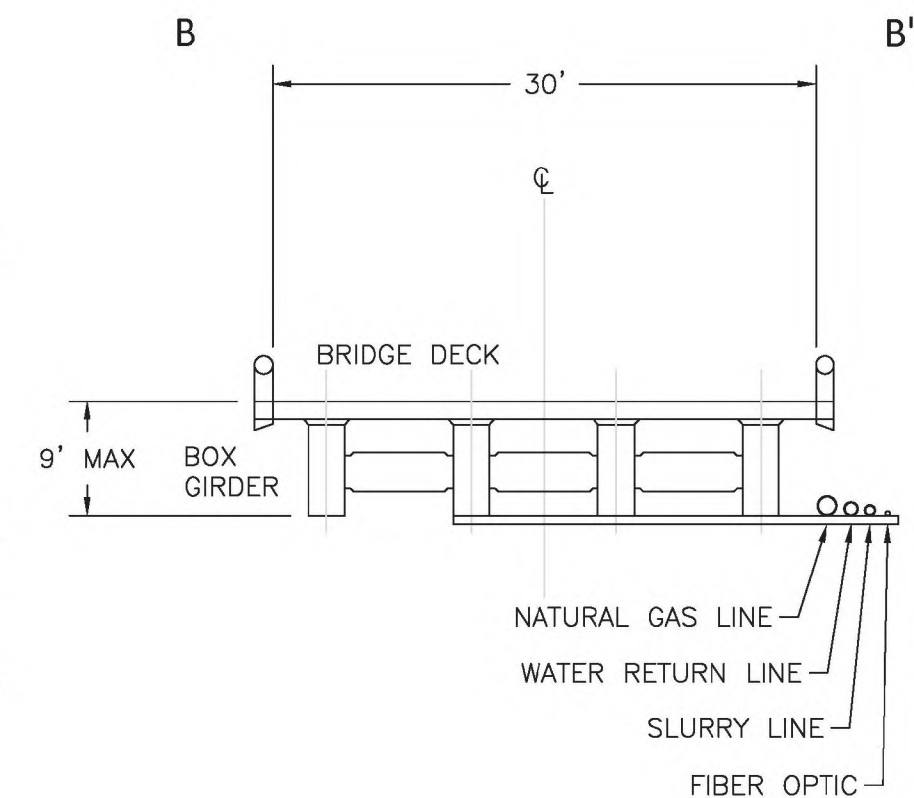
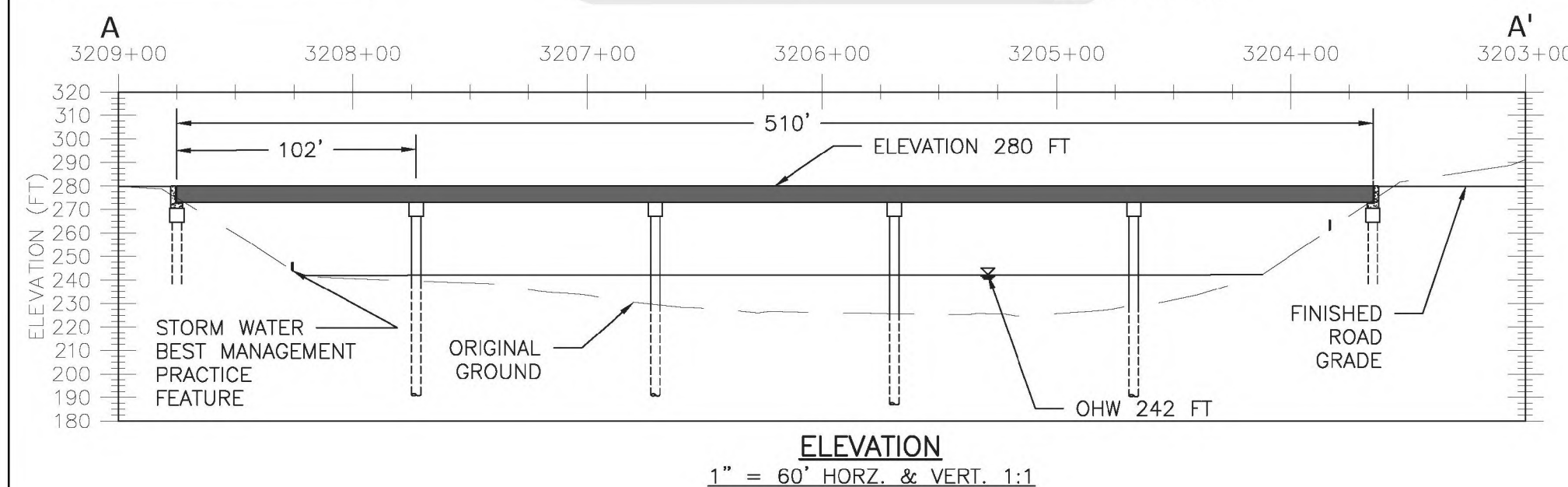
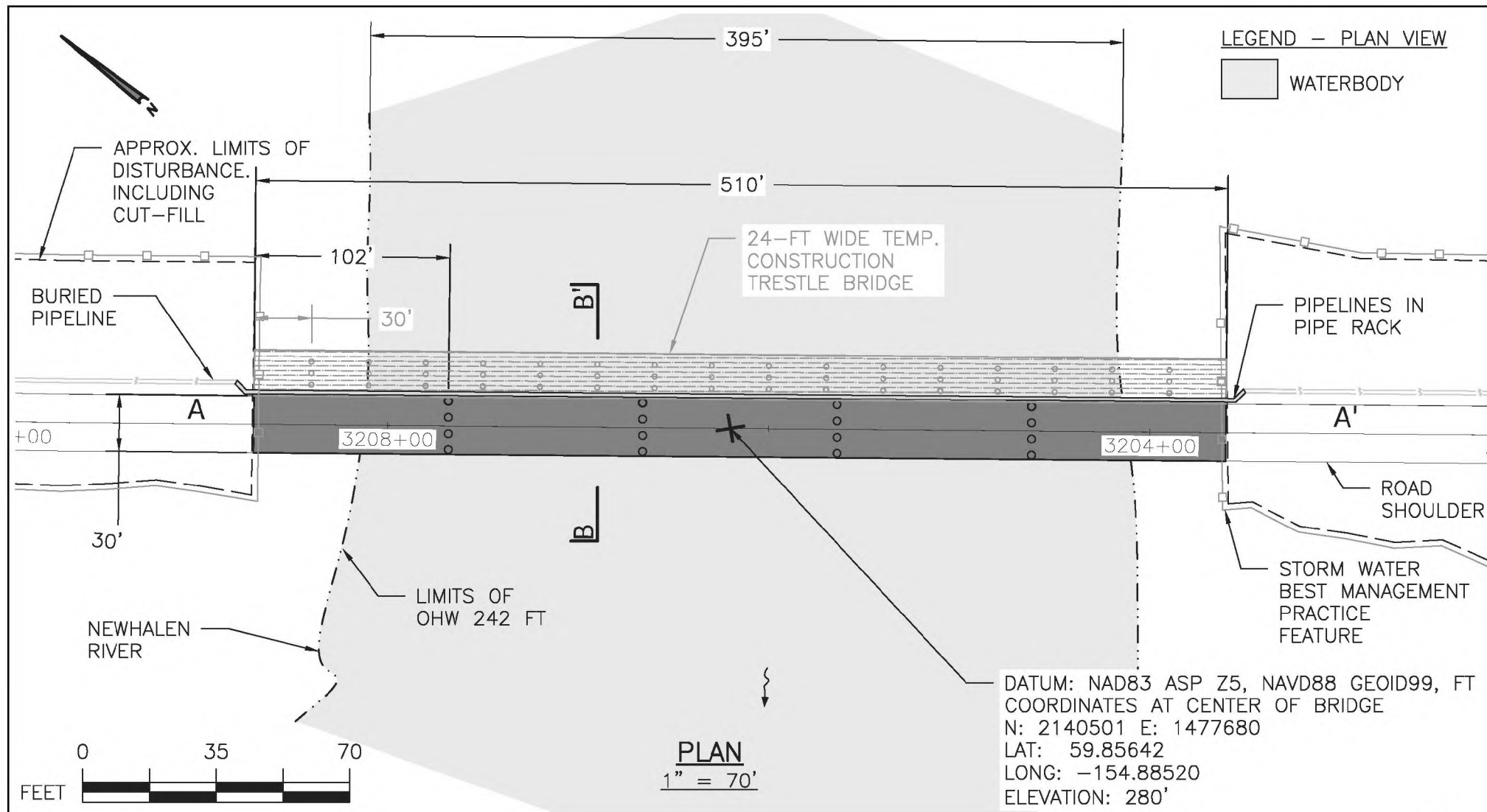
DATUM: NAD83 ASP Z5,
 NAVD88 GEOID99, FT
 COORDINATES AT CENTER OF BRIDGE
 N: 2122199 E: 1526979
 LAT: 59.80787
 LONG: -154.61614
 ELEVATION: 248 FT



NOTES:

1. CONCEPTUAL PLANS BASED ON 2004 & 2008 LIDAR AND 2004 IMAGERY PROVIDED BY THE STATE OF ALASKA
2. STATIONING CURRENT AS OF 04/09/2020
3. OHW IS APPROXIMATE. OHW TO BE VERIFIED BY FUTURE STREAM CROSSING SURVEYS.
3. STORMWATER BEST MANAGEMENT PRACTICE FEATURES TO BE APPLIED AS APPROPRIATE FOR SITE CONDITIONS. FEATURES MAY INCLUDE: SILT FENCE, STRAW WATTLES, EROSION CONTROL MATS, OR SURFACE ARMORING WITH ROCK
4. TEMPORARY CONSTRUCTION ACCESS ROAD TO UTILIZE 16 FT WIDTH SINGLE LANE CLEAR SPAN TEMPORARY BRIDGE WITH TIMBER PAD ABUTMENTS, FIELD LOCATED BY THE ENGINEER. NO CONSTRUCTION BELOW OHW.
5. W. FORK EAGLE BAY CREEK BRIDGE IS PROPOSED AS A SINGLE 50 FT SPAN. PROPOSED ABUTMENTS TO BE SHEET-PILE AND SUBSTRUCTURE TO BE PILE OR PRECAST CONCRETE PAD.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		W. FORK EAGLE BAY CREEK BRIDGE PLAN, PROFILE, AND TYPICAL SECTION	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: JUNE 2020	FIGURE NO. BX-015
WATERWAY: ILIAMNA LAKE	FILE NO. POA-2017-271		



NOTES:

1. CONCEPTUAL PLANS BASED ON 2019 GROUND SURVEY BY RECON AND 2019 HYDROLOGICAL REPORT BY HYDRAULIC MAPPING AND MODELING.
2. STATIONING CURRENT AS OF 04/09/2020
3. STORMWATER BEST MANAGEMENT PRACTICE FEATURES TO BE APPLIED AS APPROPRIATE FOR SITE CONDITIONS. FEATURES MAY INCLUDE: SILT FENCE, STRAW WATTLES, EROSION CONTROL MATS, OR SURFACE ARMORING WITH ROCK
4. TEMPORARY CONSTRUCTION ACCESS ROAD TO UTILIZE 24 FT WIDTH SINGLE LANE, 17 SPAN TEMPORARY BRIDGE WITH TIMBER PAD ABUTMENTS. FIELD LOCATED BY THE ENGINEER.
5. NEWHALEN RIVER BRIDGE PROPOSED LENGTH IS 510 FT WITH 5 SPANS AT 102 FT. PROPOSED SUBSTRUCTURE IS PILE.

PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		NEWHALEN RIVER BRIDGE PLAN, PROFILE, AND TYPICAL SECTION	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT		
WATERWAY: NEWHALEN RIVER	FILE NO. POA-2017-271	DATE: JUNE 2020	FIGURE NO. BX-016

